Title: "Railcar Condition Inspection Database" (Moser, et al.) Attorney: Stephen T. Scherrer (Reg. No. 45,080) Tel: (312) 372-2000 Fax: (312) 984-7700 Sheet 1 of 9 Docket No. 47440-044001 INSPECT RAIL EQUIPMENT - 12 INPUT RAIL EQUIPMENT DATA ADD INSPECTOR'S CAR CONDITION ENTRY NAME TO DATABASE 18 INPUT RAIL EQUIP. ID 14 -20 INPUT INSPECTION DATA ADD A NEW RECORD UPDATE PAST RECORD TO DATABASE 52 RECALL **CHANGE** 50 **PAST** INFORMATION RECORD **CHOOSE ENTER ENTER ENTER** CHOOSE **INSPECTOR'S** LOCATION OF TYPE OF INSPECTION **STORAGE** DATA LOCATION INSPECTION NAME FROM RAIL CAR LIST 30 34 32 26 28 **GENERATE DIRECT TO** REPAIR CUSTOMER? -38 DISPOSITION 44 40 **MOBILE REPAIR** 36 CALCULATE UNIT? REPAIR COST **ESTIMATE** SHOP? 54 46 42 **ENTER** SAVE **OTHER** FIG. 1 **RECORD IN INFO** DATABASE

Filing Date: February 13, 2002

Appln. No. 10/075,065.

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(COMMENTS)

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Tel: (312) 372-2000

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Sheet 2 of 9 Docket No. 47440-044001

Comments:

	Box Car	Condition Report	Date: MM/DD	
Car Numb		Inspector:	Time,: TT:TT:TT Inspection Location:	
Date:				
Upmarket per SOW?:		SOW Number:	*SOW = Scope of Work	
Car Body	Side sheet dents		 :	
	Broken welds		•	
	Car Body Corrosio	•		
	End sheets bowed	:		
	Side post interfere	•		
	Evidence of roof le		:	
Lading		lading anchors Y/N	:	
	Car equipped with	:		
	Load dividers inop		<u>:</u>	
Floor	Broken or missing		:	
	Light showing thro	:		
	Protrusions	: <u></u>		
	Dents greater than	:		
	Missing caulk		:	
	Contamination - leaks, odors, dirt, old cmd		l :	
	Old commodity		·	
Interior Walls	Large dented area	as	:	
	Loose, broken we	lds	:	
	Sharp edge or pro	• -		
	End lining bent ov	er 4"	:	
	Lining contaminat	ion - leaks, odors, dirt	:	
<u>Doors</u>	Bent or broken do	or track & retainers	:	
	Missing hardware		:	
	Door leaks		:	
	Inoperable		·	
Cushioning	Defective cushion		•	
<u>Trucks</u>	Friction casting we	edge rise	·	
	Worn gibs		• •	
	Broken springs		•	
	Defective center p	plate	÷	
Structural	Center sill bent		•	
Exterior Paint	Customer logo's		·	
	Graffiti	·		
	Paint condition		•	
Interchange De			:	
Overall Condition			:	
Repair Disposit	ion		•	

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Sheet 3 of 9

Docket No. 47440-044001

	Норре	er Car Conditio	n Report		Date:MM/DD/YY Time:TT:TT:TT
Car Numb:		Inspector: _			Location:
Date:		Storage Loc	ation:	•	
Upmarket per S	SOW ? :	SOW Numb	er:	*SOW = Scope of Work	
<u>Car Body</u>	Side sheet dents Broken or loose running boards Broken Welds Corrosion Missing, broken, loose vibrator casting		: :		
Lading	Leaking gates / Abrasions or cu Broken hatch co	hatches t gaskets	Casting	: :	
<u>Lining</u>	Car lined ? Y/N Lining Condition Rust bleed Loose or flaking Stains or discolo	: n areas		Lining Date	: MM/DD/CCYY
<u>Interior</u>	Evidence of leal Broken partition Old commodity Rust	KS			
Condemnation	rust			•	
	Porosity, undercontrol Intermittent or constable for	aulked welds	Y/N		
<u>Trucks</u>	Friction casting Worn gibs Broken springs Defective center	_			
Structural Exterior Paint	Center sill bent Customer Logo' Graffiti Commodity spill Paint condition	s			
Interchange Det				:	
Overall Condition Repair Disposition Comments:				:	-

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General Purpose Tank Car Condition Report
                                                           Date: MM/DD/YY
                                                           Time: TT:TT:TT
                                               Inspection Location:
Car Mumb:
                        Inspector:
         MM/DD/CCTT
Date:
                        Storage Location :
Upmarket per SOW ? :
                       SOW Number:
Car Body Shell bent or buckled
          Jacket bent, buckled or corroded
Bottom Outlet Valve
          Require application of skid protection:
          Missing or defective caps and chains :
Top Valves and Accessories
          Missing or non-approved valves
          Corroded or inoperative valves
          Require eduction pipe reinforcement
                                                        Y/W
Geskets
          Gaskets worn, broken or missing
          Car lined ?
ومنمنا
                          Y/N :
                                         Lining Date
                                                         = MM/DD/CCYY
          Lining Condition
          Rust bleed
          Loose or flaking areas
          Stains or discoloration
Interior Rust
          Corrosion
          Interior residue or film
          Water present
Linable condition Suitable for lining? Y/N
          Require weld overlay repair
          Requires tank insert repairs
          Porosity, undercut welds
          Brackets, sharp edges or transitions
          Friction casting wedge rise
Trucks
          Worn gibs
          Broken springs
          Defective center plate
Structural Center or stub sill bent
Exterior Paint Customer Logo's
Graffiti
          Commodity spillage
         Paint Condition
Interchange Defects
Overall Condition
Comments:
```

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Appln. No. 10/075,065
Title: "Railcar Condition Inspection Database" (Moser, et al.)
Attorney: Stephen T. Scherrer (Reg. No. 45,080)
Tel: (312) 372-2000
Fax: (312) 984-7700
Sheet 5 of 9
Docket No. 47440-044001

Comments

Оре	en Top Hooper &	Gondola a Car Conditi	Date: MM/DD/YY			
Car Numb:		Inspector:	Inspection			
Date:		Storage Location: SOW Number: *SOW = Scope of Work				
Upmarket per SOW ? :		SOW Number:	*SOW=	*SOW = Scope of Work		
Car Body	End and side s	 heets broken	:	_		
	End and side sheets bowed		:			
	Top chords boy	Top chords bowed		_		
	Broken welds		:	_		
	Corrosion		·	_		
Lading	Leaking gates		•	_		
	Gates inoperab		:	_		
<u>Interior</u>	Broken floor sheets :			_		
	Broken support	S	:	_		
	Broken corner caps		:	_		
	Interior corrosio	Interior corrosion		_		
	Old Commodity		:	_		
<u>Trucks</u>	Friction casting wedge rise :					
	Worn gibs		:	_		
	Broken springs		:			
	Defective cente	er plate	:			
Structural	Center sill bent	•	•	_		
Exterior Paint	Customers Log	o's	:	_		
	Graffiti		:			
	Commodity spillage		:	-		
	Paint condition	3	:	-		
Interchange De	efects		:	_		
Overall Condition		٠	:	_		
Repair Disposit			•	_		
			•	_		

Date: MM/DD/YY Time: TT:TT:TT

Comments:

```
=
Car Mumb:
                         Inspector:
                                                Inspection Location:
        MM/DD/CCYY
Date:
                         Storage Location :
Upmarket per SOW ? : SOW Number:
Car Body Side sheet dents and/or hammer marks
          Broken Welds
          Corresion
          Roof sheet buckles
Outlet Gates Gates need upgrade modification :
          Gates difficult to operate, need att. :
          Missing or defective hardware
          Gates & tubes req. buffing/other attn.:
Hatch Covers Require vented hatch covers :
          Batch covers req. latch upgrade
          Broken hatch covers
          End vents require attention
          Manway rings req. buffing/other attn. :
         Hatch cover gaskets requires attn.
Car lined ? Y/N :
Lining
                                              Lining Date : MM/DD/CCYY
          Lining condition
          Rust bleed
          Loose or flaking areas
          Stains or discoloration
Interior Evidence of leaks
          Broken partition welds
          Old commodity
          Rust
          Condensation
          Porosity undercut welds
          Brackets, sharp edges or transitions
Intermittent or caulked welds
          Deep discoloration from old commodity :
          Suitable for lining ?
          Vents req. modification/ other attn.
Vents
         Friction casting wedge rise
Trucks
          Worn gibs
          Broken springs
Defective center plate
Structural Center sill bent
         Exterior Paint Customer logo
          Graffiti
         Commodity spillage Paint condition
Interchange Defects
Overall Condition
Repair Disposition
```

Plastic Pellet Car Condition Report

F16, 6

Comments:

Pressure Differential Car Condition Report Date: MM/DD/YY Time: TT:TT:TT Car Numb: Inspector: Inspection Location: MAM/DD/CCTF _ Storage Location : Date: Upmarket per SOW ? : SOW Number: Car Body Side sheet demts and/or hammer marks Broken or loome running Broken welds Corresion Roof sheet bunkles Outlet System Bone gage box & hardware Defective pipping, couplings & swivels: Butterfly values broken/sign of leakage: Defective blam down Missing/defective pipe caps 4 gaskets : Wet and/or dirty aerator pads Broken or stammed aerator pads Hatch Covers Defect/missing hatch cover hardwar: Defective/missking hatch cover gaskets : Broken hatch covers Car lined ? Y/N : Lining Dante : MM/DD/CCYY Lining Rust bleed Loose or flaking areas Stains or discoloration Lining Condition Interior Evidence of Leaks Old commodity Rust Condensation Porosity undercut welds Brackets, shamp edges or transitions Intermittent or caulked welds Deep discoloration from old commodity : Suitable for lining ? Trucks Friction castming wedge rise Worm gibs Broken springs Defective center plate Structural Center sill bent Exterior Paint Customer logo Graffiti Commodity spillage Paint condition Interchange Defects Overall Condition Repair Disposition

F16,7

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Sheet 8 of 9

Docket No. 47440-044001

Car Numb: Inspector: Inspection Location: Date: Storage Location: Upmarket per SOW?: SOW Number: *SOW = Scope of Work Car Body		Pressure	e Tank Car Condition Re	eport	Date: MM/DD/YY Time: TT:TT:TT		
Date: Storage Location:	Car Numb:		Inspector: Inspec				
Car Body Shell bent or buckled	Date:		Storage Location:	•			
Jacket bent, buckled or corroded Corrosion Roof sheet buckles Top Valves & Accessories Missing or non-approved valves Corroded or inoperative valves Missing or defective plugs and chains Gaskets Gaskets worn, broken or missing Interior Rust Corrosion Interior residue or film Trucks Friction casting wedge rise Worn gibs Broken Springs	Upmarket per SOW ? :		SOW Number:	_ *SOW=	*SOW = Scope of Work		
Corrosion Roof sheet buckles Top Valves & Accessories Missing or non-approved valves Corroded or inoperative valves Missing or defective plugs and chains Gaskets Gaskets worn, broken or missing Interior Rust Corrosion Interior residue or film Trucks Friction casting wedge rise Worn gibs Broken Springs	Car Body	Shell bent or bu	ckled	:			
Roof sheet buckles Top Valves & Accessories Missing or non-approved valves Corroded or inoperative valves Missing or defective plugs and chains Gaskets Gaskets worn, broken or missing Interior Rust Corrosion Interior residue or film Trucks Friction casting wedge rise Worn gibs Broken Springs		Jacket bent, bud	kled or corroded	: <u> </u>			
Top Valves & Accessories Missing or non-approved valves Corroded or inoperative valves Missing or defective plugs and chains Gaskets Gaskets worn, broken or missing Interior Rust Corrosion Interior residue or film Trucks Friction casting wedge rise Worn gibs Broken Springs		Corrosion		:			
Missing or non-approved valves Corroded or inoperative valves Missing or defective plugs and chains Gaskets Gaskets worn, broken or missing Interior Rust Corrosion Interior residue or film Trucks Friction casting wedge rise Worn gibs Broken Springs		Roof sheet buck	des	:			
Corroded or inoperative valves Missing or defective plugs and chains Gaskets Gaskets worn, broken or missing Interior Rust Corrosion Interior residue or film Trucks Friction casting wedge rise Worn gibs Broken Springs	Top Valves & A	ccessories					
Corroded or inoperative valves Missing or defective plugs and chains Gaskets Gaskets worn, broken or missing Interior Rust Corrosion Interior residue or film Trucks Friction casting wedge rise Worn gibs Broken Springs		Missing or non-a	approved valves	:			
Gaskets Gaskets worn, broken or missing				:			
Gaskets Gaskets worn, broken or missing		Missing or defec	tive plugs and chains	:			
Interior Rust : Corrosion : Interior residue or film : Trucks Friction casting wedge rise Worn gibs : Broken Springs :	Gaskets	Gaskets worn, b	proken or missing				
Corrosion : Interior residue or film : Trucks Friction casting wedge rise : Worn gibs : Broken Springs :			9	:			
Trucks Friction casting wedge rise : Worn gibs : Broken Springs :		Corrosion		<u>:</u>			
Trucks Friction casting wedge rise : Worn gibs : Broken Springs :		Interior residue	or film	:			
Worn gibs : Broken Springs :	Trucks	Friction casting	wedge rise	•			
Broken Springs :		•	32.110	:			
				:			
Delective center plate .		Defective center	r plate	:			
Structural Center or stub sill bent :	Structural			:			
	Exterior Paint			:			
Graffiti :				:			
Commodity spillage :			age	•			
Paint condition :			ago	:			
Exterior Coating Exterior cleaning req. (DOT)	Exterior Coating		area (DÒT)	•			
Thermobond protection :	<u> </u>			:			
Thermobond protection repairs :				:	•		
Interchange Defects :	Interchange De		ottotion repairs	:	•		
Overall Condition :				•	•		
Comments		<u>211</u>		•	•		

111175655 1161766 Oorm Date: MM/DD/YY
Time: TT:TT:TT

Car Number:	Inspector: Storage Location:	Inspection	Location:	11me : 11:11:1
Upmarket per SOW ?	-	SON = Scope of	H'ork	
Car_Body:	Side sheet dents		:	
	Broken welds		:	
	Car body corrosion		:	
Lading:	Trailer Hitches		;	
	Tie Down and Load Restraining	g Devices	;	
Floor:	Broken or missing flooring		:	
Cushioning:	Defective cushioning or draft	units	:	
Trucks:	Friction casting wedge rise		:	
	Worn gibs		:	
	Broken Springs		;	
	Defective center plate		:	
Structural:	Center sill bent		:	
Exterior Paint:	Customer logo's		:	
-	Graffiti		:	
	Paint condition		:	
Interchange:	Defects		:	
Overall_Condition:			:	
Repair_Disposition: Comments:			:	

F16.9